

# **VEHICULAR IMAGING SYSTEM WITH SELECTIVE INFRARED FILTERING AND SUPPLEMENTAL ILLUMINATION**

## **Abstract**

An imaging system for use in an exterior or interior of a vehicle comprises a camera having an image sensor with an associated optical path and viewing area and an infrared filter associated with the image sensor for automatically selectively attenuating infrared radiation according to light conditions of the viewing area. The imaging system can further comprise a selectively acutable supplemental illumination system comprising at least one light source for providing supplemental illumination to the viewing area of the camera.